VIA FACSIMILE TRANSMISSION – OFFICIAL
To: Fax Number 571-273-8300
October 6, 2005

REMARKS

With respect to section 3 of the Official Action entitled "Priority", applicant respectfully refers to exemplary support for claim 11 (currently amended) as presented by this response, in applicant's PCT international application PCT/US96/17916 filed November 15, 1996 as given in the following table. (It is believed that the disclosure in the international application is the same as the disclosure in applicant's provisional application No. 60/006,755 filed November 15, 1995, but the undersigned is not presently able to confirm this.) A copy of the PCT application as published as International Publication number 97/18586 is enclosed herewith.

TABLE SHOWING EXEMPLARY SUPPORT
FOR PRESENT CLAIM 11 (CURRENTLY AMENDED)
IN APPLICANT'S PCT APPLICATION
PUBLISHED AS WO 97/18586

Claim 11 (currently amended)	WO 97/18586
lines 1 – 2	page 5, lines 8 – 10
lines 8 - 9	page 6, lines 4 – 6
lines 10 – 12	page 5, lines 21 – 25; page 5, lines 15 – 17
lines 13 – 14	page 6, lines 14 – 23

With respect to the last sentence in section 3 of the Official Action headed "Priority", the "prior application" referred to in the last sentence is understood to be application No. 10/040,256 filed 12/31/2001. However, the PAIR database of the U. S. Patent Office shows receipt of an "Extension of Time" with a "Mail Room Date" of "10-16-2003", and a "Non-Final Rejection" of "08-12-2003". The extension of time was sent with a certificate of mailing dated October 13, 2003, a Monday, and shows the

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Office Action of 08/12/2003 as having an initial term expiring 09/12/2003, and that the one month extended due date 10/12/2003 was Sunday. Accordingly, proceedings in application No. 10/040,256 terminated on Monday 10/13/2003, the date on which the present application was filed.

The Correction to the Drawings

With respect to section 4, headed "Drawings" applicant respectfully proposes to designate the equivalent circuit for conductor 16 with the reference numeral 16', and encloses a Replacement Sheet for FIG. 9.

Page 9 of the specification is proposed to be correspondingly revised as shown by the underlining of the replacement paragraph at page 2 hereof.

The Patentability of the Claims as Now Presented

With respect to sections 5 and 6 of the Official Action, the claims 11 – 20 as now presented clearly patentably distinguish over the Huang et al Patent 5,138,431 for example by specifying that the magnetic material that is applied in the vicinity of at least one of the electrically conductive paths exhibits a hysteresis loss characteristic but essentially no eddy-current loss, in conjunction with the totality of relationships of the respective claims. Clearly the Huang et al Patent 5,138,431 teaches a lead frame that is of electrically conductive material; see for example col. 1 of Huang, line 54 to col. 2, line 24. Such material inherently produces an eddy-current loss. Claims 31-40 clearly patentably distinguish over Huang for example in reciting applying a ferrite magnetic material in the vicinity of at least one of the electrically conductive paths such that the ferrite magnetic does not itself prevent bending of the at least one of the electrically conductive paths. The basic purpose of the Huang ferromagnetic material is to prevent the bending of the leads in handling; see col. 1 of Huang, line 67, to col. 2, line 3.

The dependent claims have been drafted to bring out further patentable distinctions over Huang. For example, introducing a small amount of powder composed of ferrite magnetic material as recited in claim 33 clearly does not itself provide the rigidity taught by Huang. With respect to claim 37, the applying of magnetic material

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comprised of ferrite at a limited region so as not to prevent bending of the at least one electrically conductive path clearly distinguishes from the Huang disclosure.

Claim 40, for example, further recites the selective removal of the ferrite material from certain conductors as described at page 7 of the present specification, the last seven lines at the bottom of page 7 (page 8 of the enclosed WO 97/18586, lines 7 – 12).

The passages referred to in the Official Action do not appear to support the allegations of readability. For example with reference to claim 11 at page 3 of the Official Action, Huang col. 5, lines 10-15, refers to FIG. 3 of Huang which shows the ferromagnetic material carrying current to produce inductances L2 and L1. This teaches away from the limitation of claim 11, applying magnetic material such that the magnetic material is not part of any of the electrically conductive paths for carrying all of the electric current flowing to and from the wafer circuitry. Claims 32-35, 39 and 40 have a similar limitation; for example claim 32 recites such that the powder composed of ferrite magnetic material does not carry any of the electric current flowing to and from the wafer circuitry

GENERAL AUTHORIZATION UNDER 37 CFR 1.136(a)(3)

The Patent and Trademark Office is hereby authorized to treat this or any future reply, requiring a petition for an extension of time, as incorporating a petition for extension of time for the appropriate length of time.

The Patent and Trademark Office is hereby authorized to charge fees under 37 CFR 1.17 to deposit account 14-1190.

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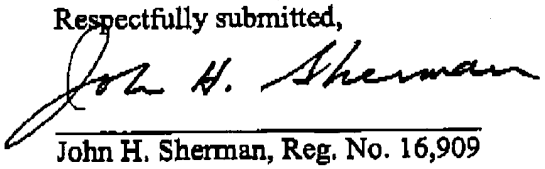
CONCLUSION

Applicant respectfully requests that a Notice of Allowance be issued in this case.

Respectfully submitted,



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Enclosures: (1) Replacement Sheet with Corrected FIG. 9 (One Page)
(2) Copy of Steven E. Koenck Published International Application with International Publication Number WO 97/18586 (Eighteen Pages)
(3) Petition for a Three-Month Extension of Time with Enclosed Credit Card Payment Form for Payment of the Extension Fee (a Total of Three Pages)

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